

BLASTP 2.2.10 [Oct-19-2004]**Reference:**

Altschul, Stephen F., Thomas L. Madden, Alejandro A. Schäffer, Jinghui Zhang, Zheng Zhang, Webb Miller, and David J. Lipman (1997), "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 25:3389-3402.

RID: 1103813075-8313-18124632603.BLASTQ4

Query=

(34 letters)

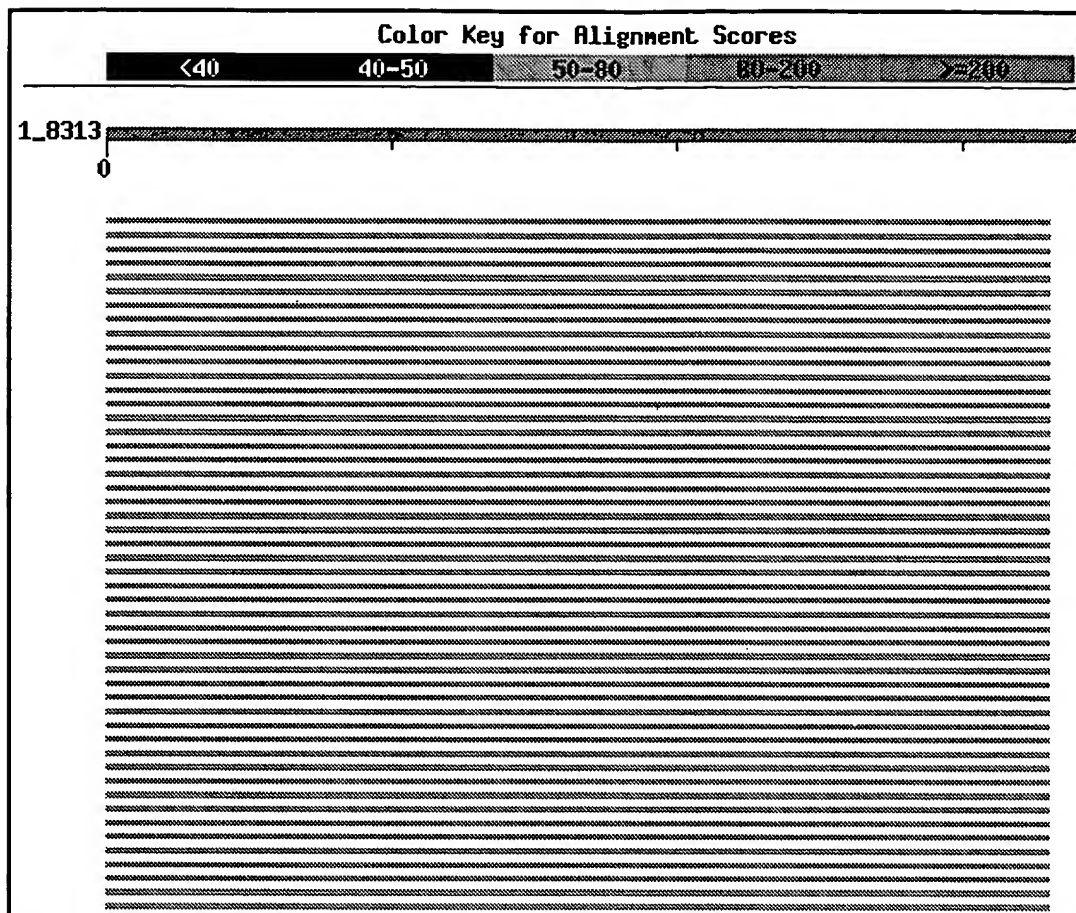
Database: All non-redundant GenBank CDS translations+PDB+SwissProt+PIR+PRF excluding environmental samples
2,254,400 sequences; 760,999,257 total letters

If you have any problems or questions with the results of this search please refer to the **BLAST FAQs**

Taxonomy reports

Distribution of 500 Blast Hits on the Query Sequence

Mouse-over to show define and scores. Click to show alignments



Sequences producing significant alignments:			Score (bits)	E Value
gi 29365653 gb AAO83219.1 	envelope protein E1 [Hepatitis C...		76	3e-13
gi 29365577 gb AAO83181.1 	envelope protein E1 [Hepatitis C...		76	3e-13
gi 29365575 gb AAO83180.1 	envelope protein E1 [Hepatitis C...		76	3e-13
gi 29365527 gb AAO83156.1 	envelope protein E1 [Hepatitis C...		76	3e-13
gi 20339989 gb AAM19647.1 	E1/E2 protein [Hepatitis C virus]		76	3e-13
gi 20339987 gb AAM19646.1 	E1/E2 protein [Hepatitis C virus...		76	3e-13
gi 16517628 gb AAL24776.1 	polyprotein [Hepatitis C virus]		76	3e-13
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gi 16517618 gb AAL24771.1 	polyprotein [Hepatitis C virus]		76	3e-13
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gi 74462 pir GNWVTW	genome polyprotein - hepatitis C virus...		75	4e-13
gi 402466 gb AAA45586.1 	envelope protein E1		75	4e-13
gi 402426 gb AAA45566.1 	envelope protein E1		75	4e-13
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Alignments

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☐ >[gi|29365653|gb|AAO83219.1|](#) envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >[gi|29365577|gb|AAO83181.1|](#) envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >[gi|29365575|gb|AAO83180.1|](#) envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >[gi|29365527|gb|AAO83156.1|](#) envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >[gi|20339989|gb|AAM19647.1|](#) E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >[gi|20339987|gb|AAM19646.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20339985|gb|AAM19645.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|16517612|gb|AAL24768.1|](#) polyprotein [Hepatitis C virus]
[gi|16517610|gb|AAL24767.1|](#) polyprotein [Hepatitis C virus]
[gi|16517606|gb|AAL24765.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >[gi|16517628|gb|AAL24776.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >[gi|16517626|gb|AAL24775.1|](#) polyprotein [Hepatitis C virus]
[gi|16517604|gb|AAL24764.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >[gi|16517620|gb|AAL24772.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >[gi|16517618|gb|AAL24771.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >[gi|16517602|gb|AAL24763.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >[gi|471117|dbj|BAA01728.1|](#) polyprotein precursor [Hepatitis C virus]
Length = 3010

Score = 75.9 bits (185), Expect = 3e-13
Identities = 34/34 (100%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 340

☐ >[gi|74462|pir||GNWVTW](#) genome polyprotein - hepatitis C virus (strain Taiwan)
[gi|266821|sp|P29846|POLG](#) HCVTW Genome polyprotein [Contains: Capsid protein C (Cor
(p21); Envelope glycoprotein E1 (gp32) (gp35); Envelope
glycoprotein E2 (gp68) (gp70) (NS1); p7; Protease NS2
(p23) (NS2-3 proteinase); Protease/helicase NS3 (p70)
(Hepacivirin); Nonstructural protein 4A (NS4A) (p8);
Nonstructural protein 4B (NS4B) (p27); Nonstructural
protein 5A (NS5A) (Membrane-associated serine
phosphoprotein) (p56) (p58); RNA-directed RNA polymerase
(p68) (NS5B)]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 340

☐ >[gi|402466|gb|AAA45586.1|](#) envelope protein E1

Length = 192

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 116 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 149

☐ >[gi|402426|gb|AAA45566.1|](#) envelope protein E1
Length = 192

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 116 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 149

☐ >[gi|402402|gb|AAA45554.1|](#) envelope protein E1
Length = 192

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 116 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 149

☐ >[gi|402390|gb|AAA45548.1|](#) envelope protein E1
Length = 192

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 116 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 149

☐ >[gi|53802144|gb|AAU94243.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLR+
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRV 149

☐ >gi|53802142|gb|AAU94242.1| polyprotein [Hepatitis C virus]
gi|53802126|gb|AAU94234.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLR+
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRV 149

☐ >gi|53802140|gb|AAU94241.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLR+
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRV 149

☐ >gi|53802138|gb|AAU94240.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLR+
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRV 149

☐ >gi|53802136|gb|AAU94239.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLR+
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRV 149

☐ >gi|53802132|gb|AAU94237.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLR+
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRV 149

☐ >gi|53802128|gb|AAU94235.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLR+
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRV 149

☐ >gi|29365741|gb|AAO83263.1| envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >gi|29365729|gb|AAO83257.1| envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >gi|29365651|gb|AAO83218.1| envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >gi|29365637|gb|AAO83211.1| envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34

SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHMAWDMMNWSPTTALVVSQLLRI 111

☐ >gi|29365635|gb|AA083210.1| envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHMAWDMMNWSPTTALVVSQLLRI 111

☐ >gi|29365631|gb|AA083208.1| envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHMAWDMMNWSPTTALVVSQLLRI 111

☐ >gi|29365607|gb|AA083196.1| envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHMAWDMMNWSPTTALVVSQLLRI 111

☐ >gi|29365605|gb|AA083195.1| envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHMAWDMMNWSPTTALVVSQLLRI 111

☐ >gi|29365587|gb|AA083186.1| envelope protein E1 [Hepatitis C virus]
gi|29365583|gb|AA083184.1| envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13

Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >[gi|29365585|gb|AA083185.1|](#) envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >[gi|29365537|gb|AA083161.1|](#) envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >[gi|29365535|gb|AA083160.1|](#) envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 78 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 111

☐ >[gi|29365533|gb|AA083159.1|](#) envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLR+
Sbjct: 78 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRV 111

☐ >[gi|29365531|gb|AA083158.1|](#) envelope protein E1 [Hepatitis C virus]
[gi|29365529|gb|AA083157.1|](#) envelope protein E1 [Hepatitis C virus]

Length = 119

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVVSQLLR+
Sbjct: 78 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRV 111

☐ >gi|19879470|gb|AAL50213.1| polyprotein [Hepatitis C virus]
Length = 1117

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 340

☐ >gi|4753721|emb|CAB41951.1| polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 340

☐ >gi|4753719|emb|CAB41950.1| polyprotein [Hepatitis C virus]
Length = 3012

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 340

☐ >gi|59471|emb|CAA47713.1| HCV polyprotein [Hepatitis C virus]
gi|93953|pir||S25123 genome polyprotein (clone Glob.1) - hepatitis C virus (frag
Length = 177

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 111 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 144

☐ >gi|296105|emb|CAA51485.1| envelope protein E1 [Hepatitis C virus]
gi|420571|pir||S32743 genome polyprotein - hepatitis C virus (isolate EG-1) (fra
Length = 177

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 111 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 144

☐ >gi|22549393|emb|CAD44988.1| E1 protein [Hepatitis C virus]
Length = 241

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 132 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 165

☐ >gi|22549379|emb|CAD44981.1| E1 protein [Hepatitis C virus]
Length = 241

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 132 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 165

☐ >gi|22549367|emb|CAD44975.1| E1 protein [Hepatitis C virus]
Length = 259

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 132 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 165

☐ >gi|22549361|emb|CAD44972.1| E1 protein [Hepatitis C virus]
Length = 240

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI

Sbjct: 132 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 165

☐ >[gi|46560634|gb|AAT00643.1|](#) polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >[gi|20339983|gb|AAM19644.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|16517614|gb|AAL24769.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLR+
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRV 55

☐ >[gi|20339913|gb|AAM19610.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|16517488|gb|AAL24706.1|](#) polyprotein [Hepatitis C virus]
[gi|16517478|gb|AAL24701.1|](#) polyprotein [Hepatitis C virus]
[gi|16517476|gb|AAL24700.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 55

☐ >[gi|20339911|gb|AAM19609.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20339909|gb|AAM19608.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20339907|gb|AAM19607.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20339897|gb|AAM19602.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20339893|gb|AAM19600.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20339891|gb|AAM19599.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20339887|gb|AAM19597.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|16517450|gb|AAL24687.1|](#) polyprotein [Hepatitis C virus]
[gi|16517444|gb|AAL24684.1|](#) polyprotein [Hepatitis C virus]
[gi|16517442|gb|AAL24683.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >gi|20339905|gb|AAM19606.1| E1/E2 protein [Hepatitis C virus]
gi|20339895|gb|AAM19601.1| E1/E2 protein [Hepatitis C virus]
gi|16517456|gb|AAL24690.1| polyprotein [Hepatitis C virus]
gi|16517454|gb|AAL24689.1| polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >gi|20339903|gb|AAM19605.1| E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >gi|20339901|gb|AAM19604.1| E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >gi|20339899|gb|AAM19603.1| E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >gi|20339889|gb|AAM19598.1| E1/E2 protein [Hepatitis C virus]

Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 55

☐ >[gi|16517616|gb|AAL24770.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLR+
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRV 55

☐ >[gi|16517480|gb|AAL24702.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 55

☐ >[gi|16517474|gb|AAL24699.1|](#) polyprotein [Hepatitis C virus]
[gi|16517460|gb|AAL24692.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 55

☐ >[gi|16517472|gb|AAL24698.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 55

☐ >gi|16517466|gb|AAL24695.1| polyprotein [Hepatitis C virus]
gi|16517462|gb|AAL24693.1| polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 55

☐ >gi|16517464|gb|AAL24694.1| polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 55

☐ >gi|16517458|gb|AAL24691.1| polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 55

☐ >gi|16517452|gb|AAL24688.1| polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 55

☐ >gi|16517448|gb|AAL24686.1| polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMMNWSPTTALVVSQLLRI

Sbjct: 22 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >[gi|16517446|gb|AAL24685.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 22 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 55

☐ >[gi|55734170|emb|CAH61379.1|](#) envelope glycoproteins E1E2 [Hepatitis C virus type
Length = 621

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 151 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 184

☐ >[gi|7650266|gb|AAF65964.1|](#) polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 340

☐ >[gi|7650234|gb|AAF65948.1|](#) polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 340

☐ >[gi|7650230|gb|AAF65946.1|](#) polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|56342207|dbj|BAD73981.1| polyprotein [Hepatitis C virus type 1b]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|56342205|dbj|BAD73980.1| polyprotein [Hepatitis C virus type 1b]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|56342199|dbj|BAD73977.1| polyprotein [Hepatitis C virus type 1b]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|56342197|dbj|BAD73976.1| polyprotein [Hepatitis C virus type 1b]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|1469855|dbj|BAA06059.1| E1 protein [Hepatitis C virus]
Length = 205

Score = 75.5 bits (184), Expect = 4e-13

Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 172 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 205

☐ >gi|5814017|gb|AAD52089.1| E1 protein [Hepatitis C virus]
Length = 195

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 117 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 150

☐ >gi|11559443|dbj|BAB18801.1| polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 340

☐ >gi|2766760|gb|AAB95502.1| polyprotein [Hepatitis C virus]
Length = 456

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 116 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 149

☐ >gi|320211|pir||JH0711 genome polyprotein - hepatitis C virus (strain PRCl) (fr
Length = 550

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMNWSPTTALVVSQLLRI
Sbjct: 307 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 340

☐ >gi|1173757|gb|AAA86579.1| polyprotein
Length = 279

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 41 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 74

☐ >gi|1173755|gb|AAA86578.1| polyprotein
gi|1173753|gb|AAA86577.1| polyprotein
gi|1173751|gb|AAA86576.1| polyprotein
Length = 279

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 41 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 74

☐ >gi|1173729|gb|AAA86565.1| polyprotein
gi|1173714|gb|AAA86558.1| polyprotein
gi|1173712|gb|AAA86557.1| polyprotein
Length = 280

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 41 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 74

☐ >gi|1173727|gb|AAA86564.1| polyprotein
Length = 280

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 41 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 74

☐ >gi|9864801|gb|AAB32565.2| envelope protein [Hepatitis C virus]
Length = 223

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHRMAWDMMNWSPTTALVVSQLLRI
Sbjct: 109 SIYPGHVTGHRMAWDMMNWSPTTALVVSQLLRI 142

☐ >gi|1091550|prf||2021240A E1 protein
Length = 185

Score = 75.5 bits (184), Expect = 4e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 109 SIYPGHVTGHRMAWDMMMNWSPTTALVVSQLLRI 142

☐ >gi|296109|emb|CAA51487.1| envelope protein E1 [Hepatitis C virus]
gi|420572|pir||S32745 genome polyprotein - hepatitis C virus (isolate EG-2) (fra
Length = 177

Score = 75.1 bits (183), Expect = 5e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 111 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 144

☐ >gi|22549389|emb|CAD44986.1| E1 protein [Hepatitis C virus]
Length = 240

Score = 75.1 bits (183), Expect = 5e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 132 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 165

☐ >gi|7650228|gb|AAF65945.1| polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.1 bits (183), Expect = 5e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
S+YPGHITGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SLYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|5918931|gb|AAD56181.1| polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.1 bits (183), Expect = 5e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
S+YPGHITGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SLYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|5918929|gb|AAD56180.1| polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.1 bits (183), Expect = 5e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
S+YPGHITGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SLYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|37622945|gb|AAQ95654.1| polyprotein [Hepatitis C virus]
Length = 575

Score = 75.1 bits (183), Expect = 5e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 136 SIYPGHILTGHMAWDMMMNWSPTTALVVSQLLRI 169

☐ >gi|1814090|dbj|BAA09075.1| polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.1 bits (183), Expect = 5e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
S+YPGHITGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SLYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|1814087|dbj|BAA09073.1| polyprotein [Hepatitis C virus]
Length = 3010

Score = 75.1 bits (183), Expect = 5e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
S+YPGHITGHRMAWDMMMNWSPTTALVVSQLLRI
Sbjct: 307 SLYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 340

☐ >gi|402446|gb|AAA45576.1| envelope protein E1
Length = 192

Score = 74.7 bits (182), Expect = 6e-13

Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|402436|gb|AAA45571.1|](#) envelope protein E1
Length = 192

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|402432|gb|AAA45569.1|](#) envelope protein E1
Length = 192

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|402410|gb|AAA45558.1|](#) envelope protein E1
Length = 192

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|55275810|gb|AAV49743.1|](#) polyprotein [Hepatitis C virus]
Length = 2742

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 307 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 340

☐ >[gi|55275808|gb|AAV49742.1|](#) polyprotein [Hepatitis C virus]
Length = 2742

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 307 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 340

☐ >gi|53802261|gb|AAU94300.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802259|gb|AAU94299.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802255|gb|AAU94297.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802253|gb|AAU94296.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802251|gb|AAU94295.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802249|gb|AAU94294.1| polyprotein [Hepatitis C virus]
gi|53802245|gb|AAU94292.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802247|gb|AAU94293.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802243|gb|AAU94291.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802241|gb|AAU94290.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802239|gb|AAU94289.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802237|gb|AAU94288.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802235|gb|AAU94287.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802233|gb|AAU94286.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802229|gb|AAU94284.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34

SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

□ >gi|53802227|gb|AAU94283.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

□ >gi|53802225|gb|AAU94282.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

□ >gi|53802223|gb|AAU94281.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

□ >gi|53802221|gb|AAU94280.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

□ >gi|53802219|gb|AAU94279.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802217|gb|AAU94278.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802215|gb|AAU94277.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802213|gb|AAU94276.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802211|gb|AAU94275.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802206|gb|AAU94273.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53802203|gb|AAU94272.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53802201|gb|AAU94271.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53802198|gb|AAU94270.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53802196|gb|AAU94269.1|](#) polyprotein [Hepatitis C virus]
[gi|53802188|gb|AAU94265.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802194|gb|AAU94268.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802192|gb|AAU94267.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802190|gb|AAU94266.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802186|gb|AAU94264.1| polyprotein [Hepatitis C virus]
gi|53802182|gb|AAU94262.1| polyprotein [Hepatitis C virus]
gi|53802174|gb|AAU94258.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802184|gb|AAU94263.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI

Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53802180|gb|AAU94261.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53802178|gb|AAU94260.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53802176|gb|AAU94259.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53802087|gb|AAU94215.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53802085|gb|AAU94214.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802083|gb|AAU94213.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802081|gb|AAU94212.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802079|gb|AAU94211.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802075|gb|AAU94209.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802073|gb|AAU94208.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13

Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802071|gb|AAU94207.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802067|gb|AAU94205.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802065|gb|AAU94204.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802063|gb|AAU94203.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802061|gb|AAU94202.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802059|gb|AAU94201.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802057|gb|AAU94200.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802055|gb|AAU94199.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802053|gb|AAU94198.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802051|gb|AAU94197.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802049|gb|AAU94196.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802045|gb|AAU94194.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802019|gb|AAU94181.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802017|gb|AAU94180.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53802015|gb|AAU94179.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53802013|gb|AAU94178.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53802011|gb|AAU94177.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53802009|gb|AAU94176.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53802007|gb|AAU94175.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI

Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53802005|gb|AAU94174.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53802003|gb|AAU94173.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53802001|gb|AAU94172.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53801997|gb|AAU94170.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53801995|gb|AAU94169.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□>gi|53801993|gb|AAU94168.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□>gi|53801989|gb|AAU94166.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□>gi|53801987|gb|AAU94165.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□>gi|53801985|gb|AAU94164.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□>gi|53801983|gb|AAU94163.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13

Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801951|gb|AAU94147.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801948|gb|AAU94146.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801946|gb|AAU94145.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801944|gb|AAU94144.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801941|gb|AAU94143.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801939|gb|AAU94142.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801937|gb|AAU94141.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801935|gb|AAU94140.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801933|gb|AAU94139.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801931|gb|AAU94138.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801929|gb|AAU94137.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801927|gb|AAU94136.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801925|gb|AAU94135.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801923|gb|AAU94134.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801919|gb|AAU94132.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801913|gb|AAU94129.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801911|gb|AAU94128.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801909|gb|AAU94127.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801907|gb|AAU94126.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI

Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53801905|gb|AAU94125.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53801903|gb|AAU94124.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53801901|gb|AAU94123.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53801899|gb|AAU94122.1| polyprotein [Hepatitis C virus]
gi|53801897|gb|AAU94121.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 149

☐ >gi|53801895|gb|AAU94120.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801891|gb|AAU94118.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801889|gb|AAU94117.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801887|gb|AAU94116.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801885|gb|AAU94115.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801861|gb|AAU94103.1| polyprotein [Hepatitis C virus]
gi|53801851|gb|AAU94098.1| polyprotein [Hepatitis C virus]
gi|53801841|gb|AAU94093.1| polyprotein [Hepatitis C virus]

Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801859|gb|AAU94102.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801855|gb|AAU94100.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801853|gb|AAU94099.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801849|gb|AAU94097.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801847|gb|AAU94096.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801843|gb|AAU94094.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801839|gb|AAU94092.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801809|gb|AAU94077.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801807|gb|AAU94076.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□ >gi|53801805|gb|AAU94075.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□ >gi|53801803|gb|AAU94074.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□ >gi|53801801|gb|AAU94073.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□ >gi|53801799|gb|AAU94072.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

□ >gi|53801797|gb|AAU94071.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI

Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801795|gb|AAU94070.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801793|gb|AAU94069.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801791|gb|AAU94068.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801789|gb|AAU94067.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801787|gb|AAU94066.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801763|gb|AAU94054.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801761|gb|AAU94053.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801759|gb|AAU94052.1| polyprotein [Hepatitis C virus]
gi|53801744|gb|AAU94045.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801757|gb|AAU94051.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801755|gb|AAU94050.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801753|gb|AAU94049.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801751|gb|AAU94048.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801747|gb|AAU94046.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801670|gb|AAU94008.1| polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >gi|53801664|gb|AAU94005.1| polyprotein [Hepatitis C virus]

Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801662|gb|AAU94004.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801660|gb|AAU94003.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801654|gb|AAU94000.1|](#) polyprotein [Hepatitis C virus]
[gi|53801648|gb|AAU93997.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801652|gb|AAU93999.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|53801650|gb|AAU93998.1|](#) polyprotein [Hepatitis C virus]
Length = 426

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 116 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 149

☐ >[gi|29365625|gb|AAO83205.1|](#) envelope protein E1 [Hepatitis C virus]
Length = 119

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 78 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 111

☐ >[gi|930028|emb|CAA37296.1|](#) putative envelope protein E1 and E1-NS1/E2 junction [virus]
[gi|130459|sp|P27953|POLG HCVE0](#) Genome polyprotein [Contains: Envelope glycoprotein (gp35); Envelope glycoprotein E2 (gp68) (gp70) (NS1)]
Length = 138

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 8 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 41

☐ >[gi|930031|emb|CAA37294.1|](#) putative envelope protein E1 and E1-NS1/E2 junction [virus]
[gi|130470|sp|P27957|POLG HCVTH](#) Genome polyprotein [Contains: Capsid protein C (Cor (p21); Envelope glycoprotein E1 (gp32) (gp35); Envelope glycoprotein E2 (gp68) (gp70) (NS1)]
Length = 321

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMNWSPTTALVV+QLLRI
Sbjct: 191 SIYPGHITGHRMAWDMMNWSPTTALVVAQLLRI 224

☐ >[gi|296115|emb|CAA51480.1|](#) envelope protein E1 [Hepatitis C virus]
[gi|420574|pir||S32749](#) genome polyprotein - hepatitis C virus (isolate RU-1) (fra

Length = 177

Score = 74.7 bits (182), Expect = 6e-13
Identities = 32/34 (94%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGH+TGHMAWDMMMNWSPTTA+VVSQLLRI
Sbjct: 111 SIYPGHVTGHRMAWDMMMNWSPTTAIVVSQLLRI 144

☐ >[gi|20340019|gb|AAM19662.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20340015|gb|AAM19660.1|](#) E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20340017|gb|AAM19661.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|16517681|gb|AAL24802.1|](#) polyprotein [Hepatitis C virus]
[gi|16517675|gb|AAL24799.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20340013|gb|AAM19659.1|](#) E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20339993|gb|AAM19649.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20339991|gb|AAM19648.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|16517648|gb|AAL24786.1|](#) polyprotein [Hepatitis C virus]
[gi|16517646|gb|AAL24785.1|](#) polyprotein [Hepatitis C virus]
[gi|16517644|gb|AAL24784.1|](#) polyprotein [Hepatitis C virus]
[gi|16517642|gb|AAL24783.1|](#) polyprotein [Hepatitis C virus]
[gi|16517636|gb|AAL24780.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20339793|gb|AAM19550.1|](#) E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20339791|gb|AAM19549.1|](#) E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20339789|gb|AAM19548.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|20339787|gb|AAM19547.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|16517315|gb|AAL24620.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20339785|gb|AAM19546.1|](#) E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20339783|gb|AAM19545.1|](#) E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20339779|gb|AAM19543.1|](#) E1/E2 protein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|20339777|gb|AAM19542.1|](#) E1/E2 protein [Hepatitis C virus]
[gi|16517299|gb|AAL24612.1|](#) polyprotein [Hepatitis C virus]
[gi|16517297|gb|AAL24611.1|](#) polyprotein [Hepatitis C virus]
[gi|16517295|gb|AAL24610.1|](#) polyprotein [Hepatitis C virus]
[gi|16517289|gb|AAL24607.1|](#) polyprotein [Hepatitis C virus]
[gi|16517285|gb|AAL24605.1|](#) polyprotein [Hepatitis C virus]
[gi|16517283|gb|AAL24604.1|](#) polyprotein [Hepatitis C virus]
[gi|16517281|gb|AAL24603.1|](#) polyprotein [Hepatitis C virus]
[gi|16517279|gb|AAL24602.1|](#) polyprotein [Hepatitis C virus]
[gi|16517275|gb|AAL24600.1|](#) polyprotein [Hepatitis C virus]
[gi|16517271|gb|AAL24598.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

☐ >[gi|16517673|gb|AAL24798.1|](#) polyprotein [Hepatitis C virus]
Length = 154

Score = 74.7 bits (182), Expect = 6e-13
Identities = 33/34 (97%), Positives = 34/34 (100%)

Query: 1 SIYPGHITGHRMAWDMMMNWSPTTALVVSQLLRI 34
SIYPGHITGHRMAWDMMMNWSPTTALVV+QLLRI
Sbjct: 22 SIYPGHITGHRMAWDMMMNWSPTTALVVAQLLRI 55

Database: All non-redundant GenBank CDS
translations+PDB+SwissProt+PIR+PRF excluding environmental samples
Posted date: Dec 22, 2004 5:01 AM
Number of letters in database: 760,999,257
Number of sequences in database: 2,254,400

Lambda	K	H
0.326	0.133	0.455

Gapped

Lambda	K	H
0.267	0.0410	0.140

Matrix: BLOSUM62
Gap Penalties: Existence: 11, Extension: 1
Number of Hits to DB: 13,771,112
Number of Sequences: 2254400
Number of extensions: 212403
Number of successful extensions: 1851
Number of sequences better than 10.0: 890
Number of HSP's better than 10.0 without gapping: 890
Number of HSP's successfully gapped in prelim test: 0
Number of HSP's that attempted gapping in prelim test: 961
Number of HSP's gapped (non-prelim): 890
length of query: 34
length of database: 760,999,257
effective HSP length: 8
effective length of query: 26
effective length of database: 742,964,057
effective search space: 19317065482
effective search space used: 19317065482
T: 11
A: 40
X1: 15 (7.1 bits)
X2: 38 (14.6 bits)
X3: 64 (24.7 bits)
S1: 40 (21.7 bits)
S2: 69 (31.2 bits)